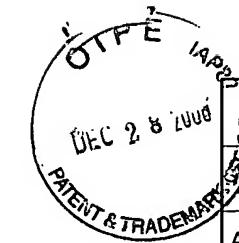




IPW



AMENDMENT TRANSMITTAL LETTER

Docket No.
2815-0236P

| | | | |
|------------------------|--------------------|--------------|----------|
| Application No. | Filing Date | Examiner | Art Unit |
| 10/661,629-Conf. #9386 | September 15, 2003 | K.A. Ballard | 1649 |

Applicant(s): Thomas J. JENTSCH

Invention: Novel potassium channels and genes encoding these potassium channels

MS Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
|--|----------------------------------|--------------------------------|-----------------------------|----------|------|
| Total Claims | 1 | - 20 = | 0 | x 50.00 | 0.00 |
| Independent Claims | 1 | - 3 = | 0 | x 200.00 | 0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | |
| Other fee (please specify): | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | | | | | 0.00 |

Large Entity

Small Entity

No additional fee is required for this amendment.

Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.

A check in the amount of \$ _____ is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge and credit Deposit Account No. 02-2448 as described below. A duplicate copy of this sheet is enclosed.

Credit any overpayment.

Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

ma

Gerald M. Murphy, Jr.
 Attorney Reg. No.: 28,977

Dated: December 28, 2006

BIRCH, STEWART, KOLASCH & BIRCH, LLP
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Docket No.: 2815-0236P
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Thomas J. JENTSCH

Application No.: 10/661,629

Confirmation No.: 9386

Filed: September 15, 2003

Art Unit: 1649

For: Potassium Channel KCNQ5 and Sequences
Encoding the Same (as amended)

Examiner: K. A. Ballard

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated September 28, 2006, please amend the above-identified U.S. patent application as follows.

This reply includes amendments to the title, amendments to the specification, amendments to the claims and remarks.

IN THE TITLE

Please amend the title of the present application to recite the following:

Novel Potassium Channels and Genes Encoding These Potassium Channels Potassium
Channel KCNQ5 and Sequences Encoding the Same